Application/Control No.

Applicant(s)/Patent under Reexamination

TESSMER ET AL.

Examiner

Jila M. Mohandesi

Art Unit

3728

| 1 | Rejected | _ | (Through numeral)<br>Cancelled | N | ı | Non-Elected  | A | Appeal   |
|---|----------|---|--------------------------------|---|---|--------------|---|----------|
| = | Allowed  | + | Restricted                     | 1 |   | Interference | 0 | Objected |

| Cla      | im       | Date |                |          |          |           |          | 7        | Cla      | aim                                 | Date |          |          |                 |           |          |   |           |                         |          | Cla   | aim      |            |             |            | (        | Date     |   |          |                |          |                 |          |          |
|----------|----------|------|----------------|----------|----------|-----------|----------|----------|----------|-------------------------------------|------|----------|----------|-----------------|-----------|----------|---|-----------|-------------------------|----------|---|----------|------------|-------------|------------|----------|----------|---|----------|----------------|----------|-----------------|----------|----------|
| Final    | Original |      | 115/60         |          |          |           |          |          |          |                                     |      | Final    | Original |                 |           |          |   |           |                         |          |   | *        |            | Final       | Original   |          |          |   |          |                |          |                 |          |          |
|          | _ 1      |      |                |          |          |           |          |          |          |                                     |      |          |          | Ш               |           |          |   |           |                         |          | $\perp$   |          |            | <u>.</u>    |            |          |          |   |          |                |          |                 |          |          |
|          | 0        |      | 1              |          |          |           |          | L        | _        | _                                   | 1    |          | 51       | Ш               | $\Box$    | _        | $\dashv$  | 4         | _                       | _        | $\bot$  | _        | L          |             | 101        |          |          |   | _        |                |          |                 | _        | _        |
|          | 2        |      | Ш              |          |          | _         | ┖        | ╙        | _        | L                                   | 4    |          | 52       |                 | $\sqcup$  | 4        | 4   | 4         | 4                       | 4        | $\bot$  | 4        | ŀ          |             | 102        |          | _        |   | <u> </u> |                |          |                 |          |          |
|          | 3        |      | Н              |          | <u> </u> | <u> </u>  | ┞        | ╄        | ┡        | ┡                                   | 4    | -        | 53       | Н               | $\Box$    | _        | -   | -         | 4                       | 4        | 4   | 4        | ŀ          |             | 103        |          |          |   | L        | Ш              |          | -               |          | -        |
|          | 4        |      | H              | Н        |          | _         | ⊢        | ╄        | ├-       | ┞                                   | 4    |          | 54       | Н               | Н         | +        | $\dashv$  | $\dashv$  | +                       | +        | +   | $\dashv$ | ŀ          |             | 104<br>105 | _        | _        |   | -        | _              |          | Н               | $\dashv$ | $\dashv$ |
|          | 5        |      | <u>k</u>       |          | _        | ┢         | ┝        | ┢        | ┢        | ⊢                                   | -    |          | 55<br>56 | $\vdash$        | $\vdash$  | $\dashv$ | $\dashv$  | -         | +                       | +        | +   | $\dashv$ | ŀ          |             | 106        |          | _        |   | H        | Н              |          | Н               | $\dashv$ | $\dashv$ |
|          | 8        | _    | 7              | Н        | _        | ├         | ├        | ╁        | ┢        | ⊢                                   | 1    | -        | 57       | Н               | $\vdash$  | $\dashv$ | +   | $\dashv$  | $\dashv$                | +        | +   | $\dashv$ | ŀ          |             | 107        | -        |          |   |          | $\vdash$       |          | Н               | ┪        | $\dashv$ |
|          | 8        |      | X              | Н        | -        | -         | ╁        | ┼┈       | ┼        | -                                   |      |          | 58       | Н               | $\vdash$  | $\dashv$ | -+  | -         | +                       | +        | +   | ٦.       | ŀ          |             | 108        |          |          | _ | $\vdash$ | Н              |          | Н               | -        |          |
|          | 9        |      | H              | Н        | _        | t         | t        | ╁        | +-       | $\vdash$                            | 1    | $\vdash$ | 59       | $\vdash$        |           | 十        | $\dashv$  | $\dashv$  | $\dashv$                | 十        | +   | 1        | ŀ          |             | 109        |          |          |   | $\vdash$ | Н              |          | Н               | $\neg$   | $\neg$   |
|          | 10       | _    | H              |          | _        | Н         | T        | 十一       | $\vdash$ | $\vdash$                            | 1    |          | 60       | Н               |           | +        | $\neg$  | 寸         | T                       | 十        | $\top$  | 7        | Ī          |             | 110        |          |          |   |          |                |          | П               | 寸        | $\neg$   |
|          | 11       |      | T              | П        | _        | Г         | T        | T        |          | Т                                   | 1    |          | 61       | П               | П         | $\neg$   | $\top$  | 寸         | _                       | $\dashv$ |   | 1:       | Ì          |             | 111        |          |          |   |          |                |          |                 | ヿ        | $\Box$   |
|          | 12       |      |                |          |          |           | Γ        |          | Γ        | Γ                                   | ]    |          | 62       |                 |           |          |   |           |                         |          |   |          | <u>.</u> [ |             | 112        |          |          |   |          |                |          |                 |          |          |
|          | 13       |      |                |          |          |           |          |          |          |                                     | ]    |          | 63       |                 |           |          |   |           | Ι                       | $\perp$  | $\perp$   |          |            |             | 113        |          |          |   |          |                |          |                 |          |          |
|          | 14       |      | Ш              |          |          | L         |          |          | _        | L                                   |      | <u></u>  | 64       | Ш               |           | [        | $\perp$   | $\perp$   |                         | $\perp$  |   | _        |            |             | 114        |          |          |   | Ш        | Ш              |          | Ш               |          |          |
|          | 15       |      | Ш              | Ш        | <u> </u> | _         | L        | 1        | <u> </u> | $oxed{igspace}$                     | 1    |          | 65       | Ш               | Щ         | _        | 4   | _         | _                       | _        | _   | 4        | ŀ          |             | 115        |          |          |   | Щ        | Ш              | Ш        |                 |          |          |
| $\vdash$ | 16       |      | 又              |          | _        | <u> </u>  | _        | ↓_       | ┡        | $\vdash$                            | 1    | -        | 66       | $\sqcup$        | $\sqcup$  | _        | $\dashv$  | _         | _                       |          | _   | -        | 20         |             | 116        |          |          |   | <u> </u> | $\sqcup$       | Ш        |                 |          |          |
| <u> </u> | 17       |      | Ш              |          | _        | <u> </u>  | $\vdash$ | $\vdash$ | ├-       | <u> </u>                            | -    | <u> </u> | 67       | $\sqcup$        | $\square$ | 4        | $\dashv$  | 4         | -                       | -        | +   |          | 1          |             | 117        |          |          | - | Н        | Н              |          | $\vdash \vdash$ |          | $\dashv$ |
| <u> </u> | 18       |      | Н              |          |          | -         | -        | +        | <b>├</b> | ⊢                                   | ar   | -        | 68       | $\vdash \vdash$ | $\vdash$  | -        | +   | $\dashv$  | -+                      | +        | +   | -        | -          |             | 118<br>119 |          |          | - | $\vdash$ | H              | _        | $\vdash \vdash$ |          | $\dashv$ |
| <u> </u> | 19<br>20 |      | $\vdash\vdash$ |          | -        | -         | -        | -        | ┼        | ├-                                  | 1    |          | 69<br>70 | $\vdash \vdash$ | $\vdash$  | $\dashv$ | $\dashv$  | $\dashv$  | $\dashv$                | +        | +   | $\dashv$ | +          |             | 120        | _        | -        |   | -        | $\vdash$       |          | H               | $\dashv$ | $\dashv$ |
| $\vdash$ | 21       |      | $\vdash$       | -        | -        | $\vdash$  | $\vdash$ | +        | ┼        | ├-                                  | 1    | -        | 71       | $\vdash$        | $\vdash$  | $\dashv$ | $\dashv$  | +         | +                       | +        | +   | $\dashv$ | ŀ          |             | 121        |          |          | _ |          | Н              | $\dashv$ | $\vdash$        |          | $\dashv$ |
| $\vdash$ | 22       | _    | Н              | Н        | -        | $\vdash$  | $\vdash$ | $\vdash$ | ╁        | ╁                                   | 1    | -        | 72       | $\vdash$        | $\vdash$  | $\dashv$ | +   | $\dashv$  | +                       | +        | +   | -10      | ٠,         |             | 122        |          |          | - |          | $\vdash$       | -        | $\vdash$        | -        |          |
| $\vdash$ | 23       |      | H              | Н        | _        | -         | -        | +        | ╁╌       | ╁                                   | 1    | -        | 73       | Н               | $\vdash$  | $\dashv$ | +   | $\dashv$  | $\dashv$                | +        | +   | $\dashv$ | ŀ          |             | 123        |          |          | - | Н        | Н              | Н        | $\vdash$        | 一        | $\dashv$ |
| $\vdash$ | 24       |      | H              | Н        | -        | H         | $\vdash$ | +        | $\vdash$ | 1                                   | 1    | 1        | 74       |                 | -         | $\dashv$ | $\dashv$  | $\dashv$  | $\dashv$                | +        | +   | -        | :          |             | 124        | -        |          | - | Н        | Н              | $\dashv$ | $\vdash$        | $\dashv$ | $\dashv$ |
|          | 25       |      | $\vdash$       | $\vdash$ |          | $\vdash$  | 1        | 1        | T        | 1                                   | 1    |          | 75       |                 |           | 十        | 十   | 十         | $\dashv$                | 十        | $\top$  | 7        | 1          |             | 125        | _        |          |   |          | H              |          | $\vdash$        | ᅥ        | $\neg$   |
|          | 26       |      |                |          |          | $\vdash$  | 1        |          | $\vdash$ | Γ                                   | 1    |          | 76       |                 | $\neg$    | $\dashv$ | 十   | 寸         | $\dashv$                | 十        | $\top$  | 7        | 1          |             | 126        |          |          | ╗ | П        | П              |          |                 | $\neg$   | $\neg$   |
|          | 27       |      |                |          |          |           |          |          |          |                                     | 1    |          | 77       |                 |           | _        | _   | 寸         |                         |          |   |          | 1          |             | 127        |          |          |   |          |                |          |                 | $\Box$   | $\Box$   |
|          | 28       |      |                |          |          |           |          |          |          |                                     | ]    |          | 78       |                 |           |          |   |           |                         |          | $\Box$  |          |            |             | 128        |          |          |   |          |                |          |                 |          |          |
|          | 29       |      |                |          |          |           |          |          |          |                                     | ]    |          | 79       |                 |           |          | $oldsymbol{ol}}}}}}}}}}}}}}}$ | $\Box$    | $oldsymbol{\mathbb{I}}$ | $\perp$  | $\perp$   | 1        |            |             | 129        |          |          |   |          |                |          |                 |          |          |
|          | 30       |      |                |          |          | 匚         | 匚        | <u> </u> | $\perp$  | $oxed{oxed}$                        | 1    | L        | 80       | $\Box$          |           | $\bot$   | 1   | $\perp$ I | $\perp$                 | $\perp$  | $\perp$   |          |            |             | 130        |          |          |   |          |                |          |                 |          |          |
|          | 31       |      |                |          |          | <u> </u>  | L        | $\perp$  |          | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | 1    | <u> </u> | 81       | Ш               |           |          | 4   | $\dashv$  | _                       | 4        |   | 1        |            |             | 131        |          |          |   | <u> </u> | $\sqcup$       |          |                 |          |          |
| <u></u>  | 32       |      |                |          |          | <u> </u>  | L        | ـ        | $\vdash$ | <u> </u>                            |      | <u> </u> | 82       | Щ               | $\dashv$  | 4        | 4   | $\dashv$  | $\perp$                 | $\bot$   | 4   |          | 4          |             | 132        |          | $\Box$   |   | <u> </u> | Щ              | Щ        | $\sqcup$        | _        | $\dashv$ |
| <u></u>  | 33       |      | Щ              |          |          | ⊢         | $\vdash$ | ╀        | ₩        | $\vdash$                            |      | <u></u>  | 83       | $\mid - \mid$   | $\dashv$  | 4        | 4   | $\dashv$  | $\dashv$                | +        | +   | 4        | ŀ          |             | 133        |          | -        |   | _        | $\vdash$       | Щ        | $\square$       |          | _        |
| <u> </u> | 34       | _    |                |          |          | -         | -        | ┼-       | -        | ├                                   | -    |          | 84       | $\vdash \vdash$ | $\dashv$  | $\dashv$ | $\dashv$  | +         | +                       | +        | +   | 4        | 1          |             | 134<br>135 |          | -        | _ | $\vdash$ | $\vdash\vdash$ | $\vdash$ | $\vdash$        | -        | $\dashv$ |
| <u> </u> | 35<br>36 | 4    |                | -        |          | ⊢         | -        | ╁        | -        | -                                   | ┨    |          | 85<br>86 | $\vdash$        | $\dashv$  | $\dashv$ | $\dashv$  | $\dashv$  | +                       | +        | +   | $\dashv$ |            |             | 135        | -        |          | - | $\vdash$ | Н              | $\dashv$ | $\vdash$        |          | $\dashv$ |
|          | 37       | _    | $\vdash$       |          | _        | ⊢         | ⊢        | ╀        | ├-       | $\vdash$                            | ┨    | <u></u>  | 87       | $\vdash$        | $\dashv$  | $\dashv$ | $\dashv$  | $\dashv$  | $\dashv$                | +        | +   | -        | +          | -           | 137        |          | -        | - | $\vdash$ | $\vdash$       | $\dashv$ | $\vdash$        | -        | $\dashv$ |
| <u> </u> | 38       |      |                | $\vdash$ |          | ├         | +        | ┼        | +-       | -                                   | 1    | -        | 88       | $\vdash$        | $\dashv$  | $\dashv$ | $\dashv$  | $\dashv$  | +                       | +        | +   | $\dashv$ | +          |             | 138        |          | $\vdash$ | _ | $\vdash$ | $\vdash$       | $\dashv$ | $\vdash$        | -        | $\dashv$ |
| -        | 39       |      | Н              | Н        |          | $\vdash$  | $\vdash$ | +        | $\vdash$ | $\vdash$                            | 1    | $\vdash$ | 89       | Н               | $\dashv$  | $\dashv$ | $\dashv$  | $\dashv$  | $\dashv$                | +        | ╅   | $\dashv$ | 1          |             | 139        | -        |          |   | -        | $\vdash$       | $\dashv$ | $\vdash$        | -        | $\dashv$ |
| -        | 40       |      |                |          |          | $\vdash$  | $\vdash$ | $\vdash$ | T        | t                                   | 1    | -        | 90       | $\vdash$        | $\dashv$  | +        | $\dashv$  | $\dashv$  | +                       | $\top$   | 十   | 1        | 1          | $\neg \neg$ | 140        |          |          |   | Н        | Н              | Н        | $\vdash$        |          | ᅥ        |
|          | 41       |      |                |          |          | Г         | $\vdash$ | Т        | T        | Т                                   | 1    |          | 91       | Н               | -         | $\dashv$ | 7   | 十         | $\neg$                  | $\top$   | 十   | 7        | 1          |             | 141        |          |          |   |          | П              |          | $\Box$          |          | $\neg$   |
|          | 42       |      |                |          |          | Г         | Π        | T        | T        |                                     | 1    |          | 92       | П               | $\Box$    | 1        | $\dashv$  | _         |                         | $\top$   | ┪   | 1        | t          |             | 142        |          |          |   | П        |                |          |                 | 一        | $\neg$   |
|          | 43       |      |                |          |          |           |          |          |          |                                     |      |          | 93       |                 |           | J        | $\Box$  |           |                         |          | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | ]        |            |             | 143        |          |          |   |          |                |          |                 |          |          |
|          | 44       |      |                |          |          |           |          | Γ        |          |                                     | ]    |          | 94       |                 |           | Π        | $\Box$  | Ι         |                         |          | Ι   | ]        |            |             | 144        |          |          |   |          |                |          |                 |          |          |
|          | 45       |      |                |          |          |           |          |          |          |                                     | ]    |          | 95       |                 |           |          | $\Box$  |           | $\Box$                  |          | $\Box$  |          |            |             | 145        |          |          |   |          |                |          |                 |          |          |
|          | 46       |      |                |          |          |           | 匚        | 匚        | 匚        | 匚                                   | ]    |          | 96       | Ш               |           | $\Box$   | I   | 工         |                         | $\perp$  |   | ╛        |            |             | 146        |          |          |   |          |                |          |                 |          |          |
|          | 47       |      |                |          |          |           |          | L        |          | L                                   | 1    |          | 97       | Щ               |           | $\perp$  | $\perp$   | $\perp$   | _                       |          | $\perp$   | 4        | ļ          |             | 147        |          |          |   |          |                |          |                 |          |          |
|          | 48       |      |                |          |          | <u> </u>  | <u> </u> | ┞        | <u> </u> | _                                   | 1    | <u></u>  | 98       |                 | _         | _        | 4   | _         | 4                       | 4        | _   | 4        | ŀ          |             | 148        | Щ        |          | _ |          | Щ              | Ц        | Щ               | _        | _        |
| <u> </u> | 49       | _    | Ш              |          |          | <u> </u>  | L        | <u> </u> | 1        | _                                   | 1    |          | 99       | Щ               | $\dashv$  | $\dashv$ | $\perp$   | 4         | 4                       | $\bot$   | 4   | 4        | ŀ          |             | 149        | $\dashv$ | _        |   |          | Ш              | _        |                 | _        | _        |
| $\sqcup$ | 50       |      | Ш              |          |          | <u>L_</u> | L        | L        | <u></u>  | L.,                                 | J    |          | 100      | Ш               |           |          |   |           |                         | 丄        |   |          | L          |             | 150        |          |          |   | L        |                |          |                 |          |          |